



	TECHNICAL CHARACTERISTICS	REFERENCE STANDARD	REQUIRED VALUE	AVG. VALUE
	DIMENSIONS	ISO 10545-2	Compliant	Compliant
	WATER ABSORPTION	ISO 10545-3	≤0,5 %	<0,1%
	MODULUS OF RUPTURE	ISO 10545-4	MODULUS OF RUPTURE R ≥ 35 N/mm ² BREAKING STRENGTH S ≥ 1300 N	R>50 N/mm ² S>2500 N
	SCRATCH RESISTANCE	ISO 10545-7	0 - V	IV
	LINEAR THERMAL EXPANSION	ISO 10545-8	≤ 9x10 ⁻⁵ °C ⁻¹	6x10 ⁻⁵ °C ⁻¹
	THERMAL SHOCK RESISTANCE	ISO 10545-9	Resistant	Resistant
	FROST RESISTANCE	ISO 10545-12	Resistant	Resistant
	ACID AND ALKALI RESISTANCE	ISO 10545-13	CLASS GB MIN.	Low concentr. GLA High concentr. GHA
	CHEMICAL RESISTANCE	ISO 10545-13	CLASS GB MIN.	GA
	STAIN RESISTANCE	ISO 10545-14	CLASS 3 MIN.	5
	FRICTION COEFFICIENT (SLIPPERINESS)	BCR - Italia DM del 14-06-89	ASTM - USA ASTM C1028	DIN - Germania DIN 51130
		Dry rubber 0,62 Wet rubber 0,51 Dry leather 0,62	Dry neolythe 0,69 Wet neolythe 0,62	R11 ZH 1/571
	DYNAMIC COEFFICIENT OF FRICTION (DCOF)	ANSI A137.1-2012	MIN. 0,42	> 0,74 Wet > 0,71 Dry

THE PRODUCTS HAVING AN ABSORPTION < 0,5% ARE CLASSIFIED ACCORDING TO THE UNI CEN STANDARDS "FULLY VITRIFIED TILES" AND ACCORDING TO THE ASTM STANDARDS "IMPERVIOUS TILES"

1/2 BROKEN JOINT NOT RECOMMENDED.
MANUFACTURE RECOMMENDS 1/3 OR LESS STAGGERED SPACING



IMPORTANT
Please note that fixing in a 50% staggered configuration is not recommended. We suggest the following fixing configurations for these ceramic materials.

YES 15%



NO 50%



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I-Design
Collection



UTAH

FULL BODY PORCELAIN





GLACIER



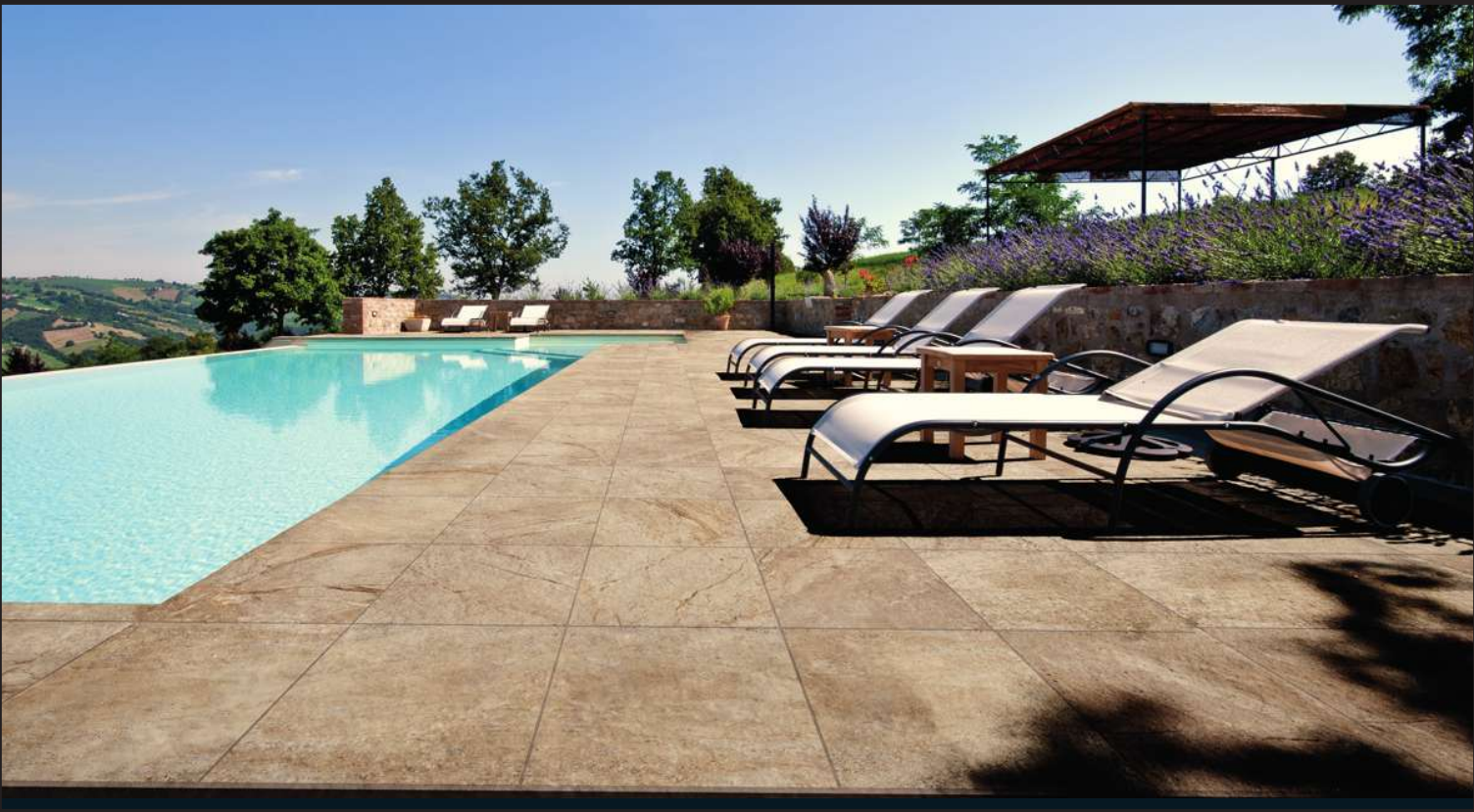
DESERT



GRANITE



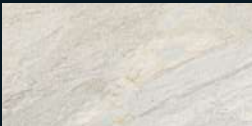
SLATE



UTAH GLACIER



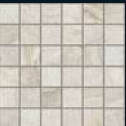
20"x20"



12"x24"



Bullnose 3,2"x12"



Mosaic 2x2
(12"x12" Sheet)

UTAH DESERT



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12"x24"



Bullnose 3,2"x12"



Mosaic 2x2
(12"x12" Sheet)

UTAH GRANITE



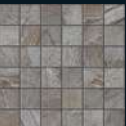
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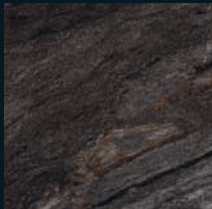


Bullnose 3,2"x12"

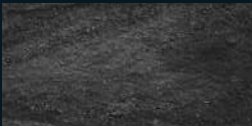


Mosaic 2x2
(12"x12" Sheet)

UTAH SLATE



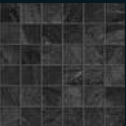
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